

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-5. (Canceled)

6. (Currently Amended) A method for enhancing a video image, comprising acts of:

inputting video signals representative of the image; and

increasing, using a video signal processor, color saturation of the video signals as a function of (i) color saturation and (ii) proximity of hue of the video signals to a secondary color, wherein the closer the video signal is in hue to a secondary color, the more the video signal color saturation is increased, and wherein the closer the video signal is in hue to primary colors of red, green, and blue, then no enhancement is applied.

7. (Canceled)

8. (Previously Presented) The method of claim 6, wherein the color saturation of cyan and yellow colors in the input video signal is increased while the color saturation of primary colors in the input video signal is not increased.

9. (Previously Presented) The method of claim 6, wherein the color saturation of magenta color in the input video signal is increased.

10. (Currently Amended) A method for enhancing a video image, comprising acts of:

inputting video signals representative of the image; and

increasing, using a video signal processor, lightness of the video signals as a function of (i) lightness and (ii) proximity of hue of the video signals to a secondary

color, wherein the closer the video signal is in hue to a secondary color, the more the lightness of the video signal is increased, and wherein the closer the video signal is in hue to primary colors of red, green, and blue, then no enhancement is applied.

11. (Canceled)

12. (Previously Presented) The method of claim 10, wherein the lightness of cyan and yellow colors in the input video signal is increased while the lightness of primary colors of the input video signal is not increased.

13. (Original) The method of claim 12, wherein the lightness of magenta color in the input video signal is increased.

14. (Previously Presented) A method for enhancing a video image, comprising:
inputting video signals representative of the image; and
shifting, using a video signal processor, hue of the video signals as a function of proximity of the hue of the video signals to a secondary color, wherein the closer the video signal is in hue to a secondary color, the more the video signal hue is increased.

15. (Currently Amended) ~~The method of claim 6~~ A method for enhancing a video image, comprising acts of:

inputting video signals representative of the image; and
increasing, using a video signal processor, color saturation of the video signals as a function of color saturation and proximity of hue of the video signals to a secondary color, wherein the closer the video signal is in hue to a secondary color, the more the video signal color saturation is increased, wherein the color saturation in the input video signal is increased based on the function $\text{sat}' = \text{sat} + 0.3 * \sin^2(3/2 * \text{hue})$, wherein sat' is an adjusted saturation and sat is the input video signal saturation.

16. (Currently Amended) ~~The method of claim 10~~ A method for enhancing a video image, comprising acts of:

inputting video signals representative of the image; and
increasing, using a video signal processor, lightness of the video signals as a function of lightness and proximity of hue of the video signals to a secondary color, wherein the closer the video signal is in hue to a secondary color, the more the lightness of the video signal is increased, wherein the lightness in the input video signal is increased based on the function $lit' = lit + 0.08 * \sin^2(3/2 * hue)$, wherein lit' is an adjusted lightness and lit is the input video signal lightness.

17. (Previously Presented) The method of claim 14, wherein the hue in the input video signal is increased based on the function $hue' = hue + 5 * \sin(3 * hue)$, wherein hue' is an adjusted hue and hue is the input video signal hue.

18. (New) The method of claim 15, wherein the color saturation of cyan and yellow colors in the input video signal is increased while the color saturation of primary colors in the input video signal is not increased.

19. (New) The method of claim 15, wherein the color saturation of magenta color in the input video signal is increased.

20. (New) The method of claim 16, wherein the lightness of cyan and yellow colors in the input video signal is increased while the lightness of primary colors of the input video signal is not increased.

21. (New) The method of claim 16, wherein the lightness of magenta color in the input video signal is increased.